

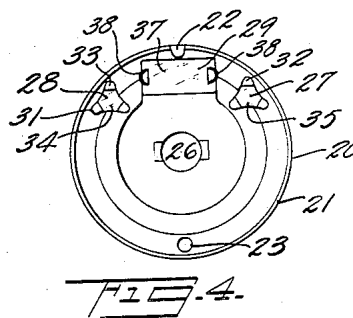
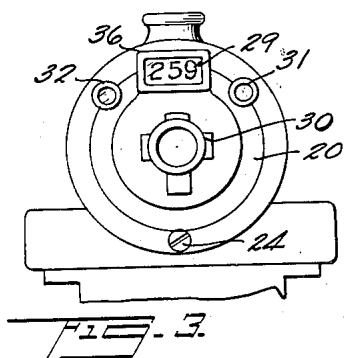
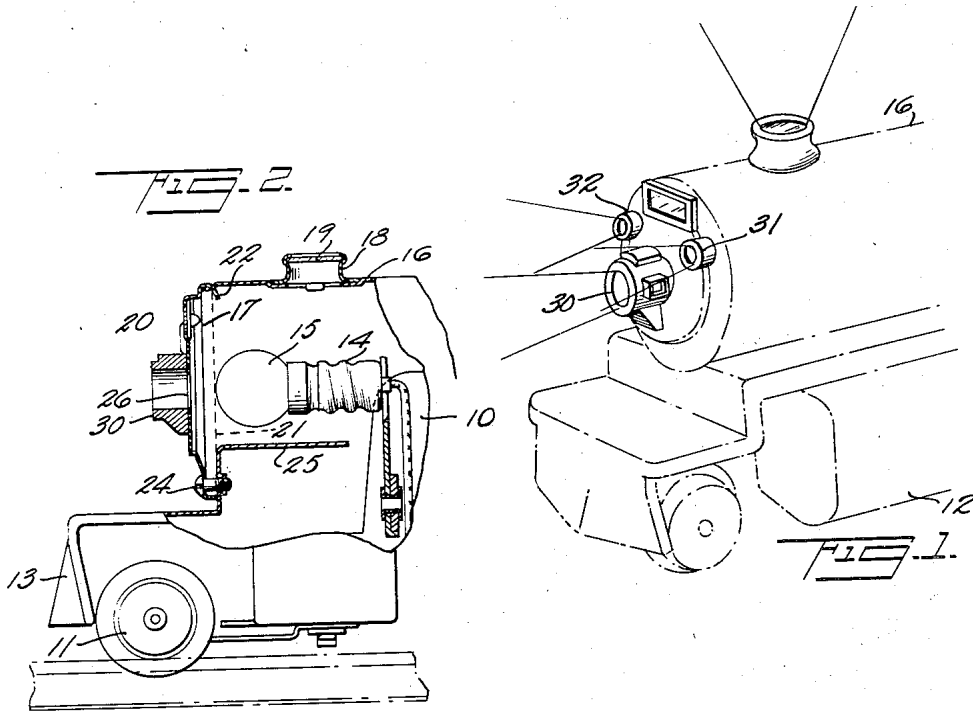
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TOY LOCOMOTIVE

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TOY LOCOMOTIVE

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2 Claims. (Cl. 240—7.1)

The present invention relates to toy locomotives and is more particularly directed toward locomotive headlights in toy locomotives of the steam type.

5 The present invention contemplates a headlight construction for steam type toy locomotives in which the lamp bulb is mounted within the boiler-simulating portion of the locomotive and behind the closure member at the front
10 of this boiler-simulating portion so that the lamp bulb is completely protected against accidental breakage.

The closure member is provided with a body
15 simulating the appearance of a regular locomotive headlight and with two lantern-like devices so arranged as to be illuminated by the enclosed lamp bulb and, if desired, one can also provide the boiler front with an illuminated number or
20 name plate so that the number of the locomotive is illuminated by the same lamp bulb.

A further object of the invention is to provide for the passage of light through the stack of the locomotive so as to simulate the operation of the regular locomotive.

25 The accompanying drawing serves to illustrate one preferred embodiment of the invention, but without limiting the invention to all the details thereof except as the same may be required by the appended claims in view of
30 the prior art. In the drawing:

Fig. 1 is a diagrammatic perspective view of a steam type toy locomotive having the headlight construction;

35 Fig. 2 is a longitudinal vertical sectional view through the front end of the locomotive, parts being in elevation;

Fig. 3 is a front view of the locomotive, parts being omitted; and

40 Fig. 4 is an inside view of the closure member forming the boiler front.

In the drawing, the fragment of the power plant of the toy locomotive is indicated at 10 and one of the wheels at 11, the steam chest at 12, and the cow-catcher at 13. The power
45 plant 10 carries a lamp socket 14 into which is screwed a lamp bulb 15. The boiler-simulating portion of the toy locomotive is in the form of a tubular sheet metal member 16 open at the front 17. This boiler-simulating portion carries,
50 among other parts, a stack-simulating element 18 in which is preferably placed a red transparency 19.

The closure member or boiler front is indicated at 20. It is in the form of a sheet metal

stamping shaped to simulate the front of the boiler of a regular steam-type locomotive and is provided with a rearwardly extending flange 21 adapted to fit about the front of the boiler-simulating member 16. The tubular member
5 16 is provided with an aperture to receive a prong or hook-like member 22 carried by the stamping 20. The stamping is apertured as indicated at 23 to receive a screw 24 by which it is secured to the chassis 25. The boiler front
10 20 is provided with a central aperture 26, two apertures 27 and 28 near the top, and another elongated aperture 29 shown here at the top of the stamping.

The casting member 30 is secured to the front
15 of the closure member 20 so as to be in front of the central opening 26. Metal eyelet members 31 and 32 are secured to the stamping 20 by prongs indicated at 33. Transparencies 34 and
20 35 are preferably inserted into these eyelet members so that light can pass through the transparencies to simulate the side-lights of the locomotive. The elongated aperture 29 is placed inside an embossed frame as indicated at 36 and
25 a translucent number plate 37 is secured in place behind this frame by prongs 38, as indicated in Fig. 4. Inasmuch as the eyelets and headlight body casting are separate parts, they may be finished in different colors than the
30 black enamel generally employed for boiler fronts.

It will be apparent from the foregoing that the lamp bulb is completely protected by the rigid metal construction of the toy locomotive
35 so that breakage is prevented. When the lamp is lighted, however, one obtains a strong light beam from the central opening to simulate the headlight of the locomotive and obtains light through the sidelight forming members and
40 through the stack, as well as illumination of the number plate. This arrangement makes it possible to completely simulate the standard steam type locomotive so far as such features are concerned.

Replacing the light bulb is easily accomplished
45 by merely removing the screw 24 and lifting the boiler front member upwardly so as to free it from the boiler body-forming member.

What is claimed is:

1. A boiler front for steam type toy locomotives comprising a sheet metal stamping simulat-
50 ing the boiler front of a steam type locomotive and provided with a central aperture and two apertures near the edge thereof, forwardly projecting eyelet-like members secured in the two
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latter mentioned apertures, colored transparencies in the eyelet-like members, a portion of the stamping being embossed to form a frame for a number plate and apertured in said frame, a translucent number plate secured behind said 5 apertured frame, and a forwardly projecting miniature headlight body secured to the stamping in front of the central aperture.

2. A steam type toy locomotive having a tubu-

lar boiler simulating portion, a removable closure simulating a boiler front, and a lamp bulb mounted to the rear of the closure member, the boiler simulating portion carrying a tubular "stack" through which direct light from the bulb passes to produce an upwardly directed beam, the closure carrying a headlight body and two 5 sidelights.

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